

LIGHT-EMITTING FLUORENE-BASED COPOLYMERS, EL DEVICES COMPRISING THE SAME AND METHOD OF SYNTHESIS THEREOF

Abstract of the Disclosure

Light-emitting copolymers and electroluminescence products made therefrom emitting a wavelength range from that of blue light to that of red light. The light-emitting copolymers are represented by the following Formula 1, in which the energy of blue light emission from a fluorene repeating unit on a blue light-emitting fluorene-based main chain is transferred to a red comonomer in the copolymer to emit red light.

Formula 1

